

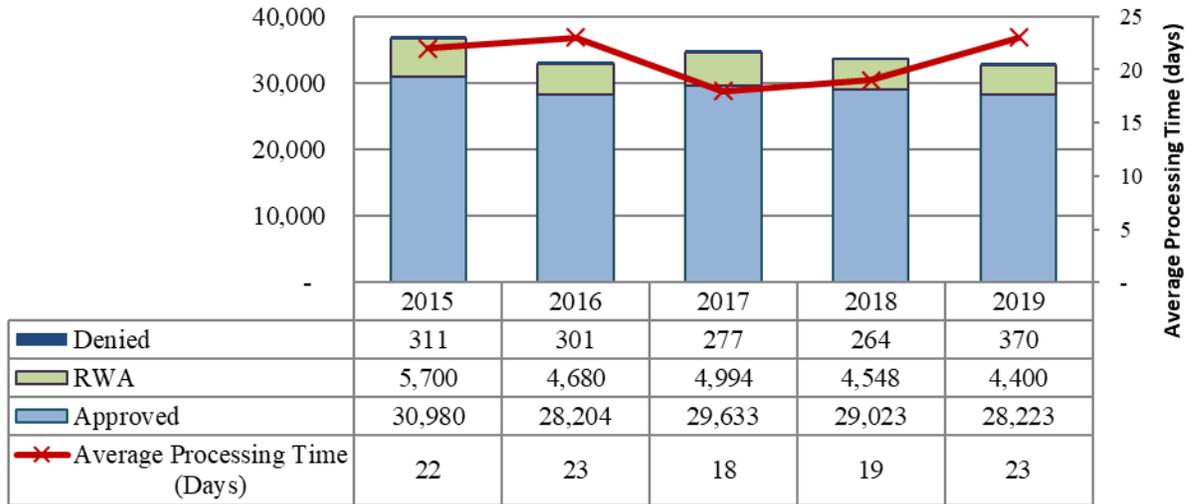
Statistics of 2019 BIS License Authorization

In 2019, BIS reviewed **32,993** license applications valued at **\$158.8 billion** for exports and re-exports for tangible items, software and technology, a decrease of 2.5% (842 less) from 33,835 in 2018.

- Approved licenses totaled 28,223, a decrease of 2.8% (800 less). The approval rate was 85.5% ;
- Denied licenses applications totaled 370, an increase of 40.2% (106 more). The denied rate was 1.1% ;
- Return without action (RWA) totaled 4,400, a decrease of 3.3% (148 less). The RWA rate was 13.3% ;

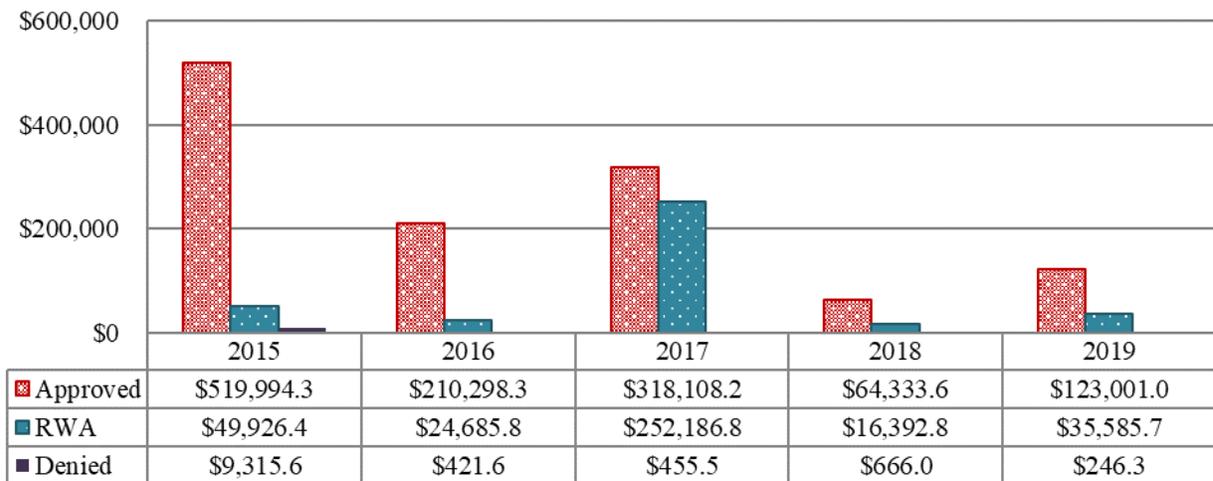
Overview of BIS License Applications 2015 - 2019										
	2015	2016	2017	2018	2019	% of the total by decision	% of the Grand Total license applications	% change from 2018	Change from 2018	
Grand Total license applications	38,372	34,661	36,429	34,842	34,313			-1.5%	-529	
Total license applications for deemed export										
Total	1,381	1,476	1,525	1,007	1,320		3.8%	31.1%	313	
Approved	1,268	1,377	1,394	846	1,124	85.2%		32.9%	278	
Denied	18	13	24	11	3	0.2%		-72.7%	-8	
RWA	95	86	107	150	193	14.6%		28.7%	43	
Total license applications for tangible items, software and technology										
Total	36,991	33,185	34,904	33,835	32,993		96.2%	-2.5%	-842	
Approved	30,980	28,204	29,633	29,023	28,223	85.5%		-2.8%	-800	
Denied	311	301	277	264	370	1.1%		40.2%	106	
RWA	5,700	4,680	4,994	4,548	4,400	13.3%		-3.3%	-148	
100.0%										
Detailed License Information regarding Tangible items, software and technology										
	2015	2016	2017	2018	2019	% of the total by decision	% of the total for tangible items	% of the Grand Total license applications	% change from 2017	Change from 2017
Total license applications for legacy ECCNs	21,331	18,546	19,081	19,470	19,287		58.5%	56.2%	-0.9%	-183
Approved	16,968	15,060	15,446	16,047	15,824	82.0%			-1.4%	-223
Denied	250	223	220	227	321	1.7%			41.4%	94
RWA	4,113	3,263	3,415	3,196	3,142	16.3%			-1.7%	-54
Total license applications for 600-series items	14,413	13,493	14,582	13,478	12,917		39.2%	37.6%	-4.2%	-561
Approved	12,968	12,247	13,134	12,181	11,677	90.4%			-4.1%	-504
Denied	23	56	39	29	42	0.3%			44.8%	13
RWA	1,422	1,190	1,409	1,268	1,198	9.3%			-5.5%	-70
Total license applications for 9x515 items	1,247	1,146	1,241	887	789		2.4%	2.3%	-11.0%	-98
Approved	1,044	897	1,053	795	722	91.5%			-9.2%	-73
Denied	38	22	18	8	7	0.9%			-12.5%	-1
RWA	165	227	170	84	60	7.6%			-28.6%	-24
100.0%										
96.2%										
Source: Commerce U.S. Exports Exporter Support System, retrieved on June 9, 2020										

**BIS Licenses for Tangible Items, Software and Technology for the World
by License Count
2015 -2019**



Source: Commerce U.S. Exports Exporter Support System,, retrieved on June 9, 2020

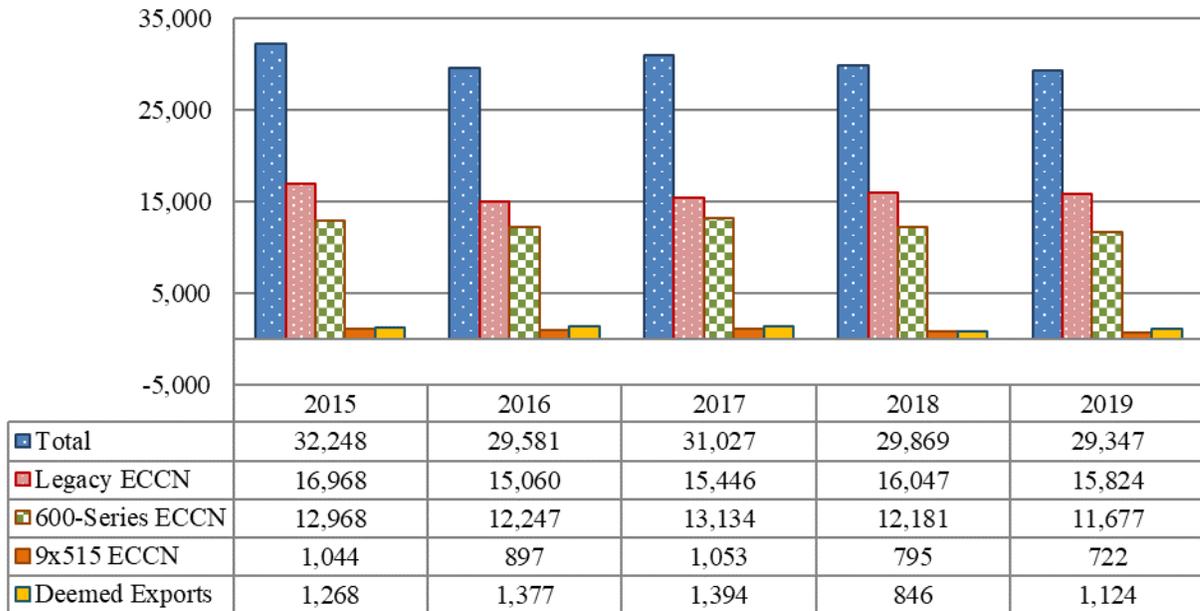
**BIS Licenses for Tangible Items, Software and Technology for the World
by Value
2015 - 2019
Smillion**



Source: Commerce U.S. Exports Exporter Support System, June 9, 2020

Note: Effective on December 27, 2015, license requirement was removed for Crude petroleum.

Overview of BIS Approved Licenses 2015 -2019



Source: Commerce U.S. Exports Exporter Support System, retrieved on June 9, 2020

Note: Legacy ECCNs include all ECCNs on the Commerce Control List but 600-Series and 9x515 ECCNs that are created under the modernization of the U.S. Export Control Systems since 2013.

2019 Top Ten ECCNs for Approved Licenses by Count

ECCN	Descriptions
9A610	Military aircraft and related commodities
3A611	Military electronics
2B350	Chemical manufacturing facilities and equipment
9E610	Technology "required" for the "development," "production," operation, installation, maintenance, repair, overhaul, or refurbishing of military aircraft and related commodities controlled by 9A610, equipment controlled by 9B610, materials controlled by 9C610 or software controlled by 9D610
0A987	Optical sighting devices for firearms
9A619	Military gas turbine engines and related commodities
3A001	Electronic components and specially designed components
6A003	Cameras
1C351	Human and zoonotic pathogens and "toxins"
0A606	Ground vehicles and related commodities

Source: Commerce U.S. Exports Exporter Support system, June 9, 2020